



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER19960016

Agency Interest No. 286

Mr. David Fellows
Environmental Manager
ExxonMobil Chemical Company
PO Box 551
Baton Rouge, LA 70821-0551

RE: Part 70 Operating Permit, ExxonMobil Chemical Co - Baton Rouge Chemical Plant, Advanced Wastewater Treatment (AWT) Unit, Baton Rouge, East Baton Rouge Parish, Louisiana

Dear Mr. David Fellows :

This is to inform you that the initial Title V air permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 3006-V0

Sincerely,

Chuck Carr Brown Ph.D.

Assistant Secretary

CCB: der:cet

cc: EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
EXXONMOBIL CHEMICAL CO - BATON ROUGE CHEMICAL PLANT
ADVANCED WASTEWATER TREATMENT (AWT) UNIT
PROPOSED INITIAL PART 70 OPERATING AIR OPERATING PERMIT

The LDEQ, Office of Environmental Services, is accepting written comments on the Initial part 70 Air Operating Permit for ExxonMobil Chemical Co - Baton Rouge Chemical Plant, PO Box 241, Baton Rouge, Louisiana 70821-0241 for the Baton Rouge Chemical Plant/AWT Unit. **The facility is located at 4999 Scenic Highway, Baton Rouge, East Baton Rouge Parish.**

ExxonMobil Chemical Co requested an initial Part 70 Air Operating Permit for the Advanced Wastewater Treatment (AWT) Unit. The AWT Unit treats process wastewaters from units at Baton Rouge Chemical Plant (BRCP). Both physical and biological treatment occurs within the process. Most of the facilities in the AWT are grandfathered, there are no existing permits for this unit.

BRCP proposes to permit the wastewater treatment train as an area source, identified by the new EIQ# M-83. The only exceptions to this are sources identified earlier that are previously permitted as new sources and are included separately with separate permit limits. These sources are identified by the new EIQ#s M-23 (MBLA Reactor) and T-3554/T-3255 (Detention Tanks EGTK-003 and EGK-004).

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before¹</u>	<u>After²</u>	<u>Change</u>
VOC	31.61	258.38	+226.77
Toxic VOC included in totals	-	294.72 ³	+294.72
Toxic Non-VOC Compounds	-	62.51	+62.51

Toxic compounds included the following compounds emitted at a rate above the Minimum Emission Rate (MER) listed in LAC 33:III.Chapter 51, Table 51.1: Benzene, Formaldehyde, Acetonitrile, Biphenyl, 1, 3-Butadiene, Chloromethane, ethylbenzene, Naphthalene, Phenol, Styrene, Xylene (mixed isomers), Ammonia, Cresol, Cumene, n-Hexane, Hydrogen Sulfide, Methanol, Methyl Ethyl Ketone (MEK), Methyl Isobutyl Ketone (MIK), Toluene, 1,1,1-Trichloroethane, and Sulfuric Acid.

¹The before emissions represent emissions that were grandfathered and not previously speciated /accounted for.

²The after emissions represent speciation of pollutants, updated emission factors, and improved calculation methodology.

³**Speciation of VOCs appear greater than the Total VOCs**, however, in reality, the speciation represents the variability of the concentration of the wastewater based on the worse case scenario for instantaneous emissions of all pollutants that have been observed occurring in the system over a five year period, due primarily to increased throughput to the AWT from weather related upsets and system spikes. The overall speciated emissions have not exceeded the Total VOC reported during any annual reporting period.

Written comments, written requests for a public hearing, or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, May 22, 2006.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed initial Part 70 Air Operating permit, and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). Additional copies may be reviewed at East Baton Rouge Parish Library - Scotlandville Branch, located at 7373 Scenic Highway, Baton Rouge, LA 70807.

Inquiries or requests for additional information regarding this permit action should be directed to Ms. Cathy E. Thompson, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-0034.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at maillistrequest@ldeq.org or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.state.la.us/news/PubNotice/ and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 286, Permit Number 3006-V0, and Activity Number PER19960016.

Publication date: Wednesday, April 19, 2006

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

ExxonMobil Chemical Co - Baton Rouge Chemical Plant
Advanced Wastewater Treatment (AWT) Unit
Agency Interest No.: 286
ExxonMobil Chemical Co
Baton Rouge, East Baton Rouge Parish, Louisiana

I. Background

ExxonMobil Chemical Co - Baton Rouge Chemical Plant (BRCP), an existing integrated chemical manufacturing facility that began operation in 1909. The Advanced Wastewater Treatment (AWT) Unit is a unit located within the chemical plant that handles contaminated wastewater generated by the chemical processing units. Most of the facilities in the AWT are grandfathered, there are no existing permits for this unit. Two Small Source Exemptions (SSE) were received for several individual sources including:

- The Moving Bed Louisiana (MBLA) Reactor, which replaced the existing trickling filters (SSE dated April 7, 1997), and
- The addition of two new rainwater/process water detention tanks EGTK-003 and EGTK-004 (SSE dated April 6, 1999).

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by ExxonMobil Chemical Co on November 25, 1996, requesting a Part 70 operating permit. Updated information dated August 31, 2005, was also received.

III. Description

The Advanced Wastewater Treatment (AWT) Unit treats process wastewaters from units at Baton Rouge Chemical Plant (BRCP). Both physical and biological treatment occurs within the process. The system consists of the following equipment and/or processes:

- Oil/water separator that removes floating oil from oily process wastewaters;
- Detention tanks that are used to temporarily store wastewater during periods of process upsets or during heavy rainstorms. The wastewaters are then treated in a controlled manner to prevent upset to the wastewater system;
- Wastewater pH is adjusted, and emulsions and fine solids are removed at the Dissolved Air Floatation (DAF) Unit;
- A cooling tower adjusts the wastewater temperature prior to biological treatment; and
- Equalization tanks are used to mix non-oily process wastewaters with the wastewaters described above.
- Biological treatment of the wastewater occurs in two steps. The first step is the MBLA reactors where the wastewater is sparged with air. "Biomedia" floats on top of the

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wastewater in MBLA and moves to provide surface area for the bacterial growth which is essential in the treatment process. The second step uses high purity oxygen (UNOX) to oxidize the organic constituents in the presence of a microbial culture.

- Clarifiers are used to enable sedimentation of suspended sludge particles. Water from the clarifiers is then discharged.
- Waste solids that are collected at DAF and UNOX are dewatered, dried, and combusted prior to offsite disposal. The combustion of the waste solids is not conducted at the AWT Unit.

BRCP proposes to permit the wastewater treatment train as an area source, identified by the new EIQ# M-83. The only exceptions to this are sources identified earlier that are previously permitted as new sources and are included separately with separate permit limits. These sources are identified by the new EIQ#s M-23 (MBLA Reactor) and T-3554/T-3255 (Detention Tanks EGTK-003 and EGK-004). In addition EIQ#23, MBLA Reactor is also included as part of EIQ# M-83.

Other minor changes and reconciliations are also being incorporated into this application as follows:

- The permitted emissions for all sources have been evaluated and reconciled where necessary based on updated emission factors, calculation methodology, and/or emission speciation;
- The language included in the tables of regulatory applicability to sources in AWT has been updated;
- Incorporation of a specific requirement into the AWT Unit permit to provide guidance regarding the regulatory program AWT Unit Emissions may be subject to per 40 CFR 63 Subpart FFFF, as promulgated, Specific Requirement Nos. 142 and 143 of this initial Part 70 operating permit;
- Addition of specific requirements to address the addition or removal of fugitive emission piping components, FUG030, Specific Requirement No. 106 of this initial Part 70 operating permit;
- Addition of a specific requirement to address containers, stated as “Containers: Exempt from monitoring. Containers that have capacities <0.42 cubic meters (111 gallons) and meet DOT specifications and testing requirements under 49 CFR 178 and that hold benzene-containing wastes with a flow weighted annual average benzene concentration >= 10 ppmw are exempt from Method 21 monitoring requirements”, Specific Requirement No. 11 of this initial Part 70 operating permit;

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Baton Rouge, East Baton Rouge Parish, Louisiana

- BRCP requests the incorporation of a Specific Condition into the AWT permit to clarify that the toxic air pollutant (TAP) emissions in this permit application are State-Only emission limits and are not federally enforceable;
- The General Condition XVII (GCXVII) and Insignificant Activities lists have been updated.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before¹</u>	<u>After²</u>	<u>Change</u>
PM ₁₀	-	-	-
NO _x	-	-	-
CO	-	-	-
SO ₂	-	-	-
VOC *	31.61	258.38 ³	+226.77

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ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Advanced Wastewater Treatment (AWT) Unit

Agency Interest No.: 286

ExxonMobil Chemical Co

Baton Rouge, East Baton Rouge Parish, Louisiana

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before¹</u>	<u>After²</u>	<u>Change</u>
Acetonitrile	-	7.71	+7.71
Benzene	-	2.02	+2.02
Biphenyl	-	3.31	+3.31
1,3-Butadiene	-	1.98	+1.98
Chloromethane	-	8.86	+8.86
Cresols	-	0.57	+0.57
Cumene	-	0.66	+0.66
Dimethylformamide	-	0.32	+0.32
Ethylbenzene	-	1.49	+1.49
Formaldehyde	-	3.90	+3.90
n-Hexane	-	20.77	+20.77
Methanol	-	151.92	+151.92
Methyl Ethyl Ketone	-	23.22	+23.22
Methyl Tert-Butyl Ether	-	9.43	+9.43
Methyl Isobutyl Ketone	-	0.37	+0.37
Naphthalene	-	23.84	+23.84
Phenol	-	0.78	+0.78
Styrene	-	6.99	+6.99
2,2,4-Trimethylpentane	-	0.89	+0.89
Toluene	-	17.81	+17.81
Xylene	-	7.88	+7.88
Total	-	294.72 ³	+294.72

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***Highly Reactive VOC (HRVOC) Speciation (TPY):**

<u>Pollutant</u>	<u>Before</u> ¹	<u>After</u> ²	<u>Change</u>
Toluene ⁴	-	17.81	+17.81
1,3-Butadiene ⁴	-	1.98	+1.98
Xylene ⁴	-	7.88	+7.88

Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u> ¹	<u>After</u> ²	<u>Change</u>
1,1,1-Trichloroethane	-	0.85	0.85
Ammonia	-	19.63	19.63
Hydrogen Sulfide	-	41.32	41.32
Nitric Acid	-	0.01	0.01
Sulfuric Acid	-	0.36	0.36
Total	-	62.51	+62.51

Other VOC (TPY): -36.34³

¹The before emissions represent emissions that were grandfathered and not previously speciated/ accounted for.

²The after emissions represent speciation of pollutants, updated emission factors, and improved calculation methodology.

³Speciation of VOCs appear greater than Total VOC, however, in reality, the speciation represents the variability of the concentration of the wastewater based on the worse case scenario for instantaneous emissions of all pollutants that have been observed occurring in the system over a five year period, due primarily to increased throughput to the AWT from weather related upsets and system spikes. The overall speciated emissions have not exceeded the Total VOC reported during any annual reporting period.

⁴Emissions of these pollutants are included in VOC TAPs and HRVOCs.

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD)/Nonattainment New Source Review (NNSR) and New Source Performance Standards (NSPS) do not apply.

The AWT Unit is a major source of toxic air pollutants (TAPs) and is part of a complex that is a major source of TAPs pursuant to LAC 33:III.Chapter 51. BRCP Toxic Compliance Plan and MACT were approved for these pollutants on May 5, 1997 and February 8, 1999.

Fugitive emissions are controlled via the leak detection and repair (LDAR) program as specified in the Louisiana MACT Determination for Equipment Leaks from Non-HON facilities.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2006. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XXX,XX, 2006. The draft permit was also submitted to US EPA Region VI on XXX, XX, 2006. All comments will be considered prior to the final permit decision.

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Baton Rouge, East Baton Rouge Parish, Louisiana

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

VIII. General Condition XVII Activities

Work Activity	Schedule	VOC	NH ₃	H ₂ SO ₄	HNO ₃
Sampling	500 per year	2.63	0.01	0.01	
Equipment Preparation		3.76			
Polymer and/or Antifoam Unloading		0.01			
Pressure/Vacuum and/ or Safety Valve Servicing	3 times per year each	0.04		0.01	0.01

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IX. Insignificant Activities

ID No.:	Description	Citation
		Insignificant Activity per :
A.1	Additive Chemical Storage Tank (<10,000 gals, TVP<0.5 psia)	LAC 33:III.501.B.5.A.3.
A.2	Phosphoric Acid (H_3PO_4) Storage Tanks	LAC 33:III.501.B.5.A.4.
A.3	Antifoam Storage Tank	LAC 33:III.501.B.5.A.4.
A.4	Antifoam Storage Tank	LAC 33:III.501.B.5.A.4.
A.5	Analyzer Vents	LAC 33:III.501.B.5.A.9.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter											
		2*	5▲	9	11	13	15	16	17	18	19	20	21
A1286	FACILITY WIDE	1	1	1	1				1				
GRP 137	AWT Unit												
ARE 009 M-83	Wastewater Treatment System (AWT)												
EQT 521 M-23	MBLA Reactors												
EQT 522 T-031	Sulfuric Acid Storage Tank							3					
EQT 523 T-059	Poly B Storage Tank								3				
EQT 524 T-3254	Detention Tank (EGTK-003)									3			
EQT 525 T-3255	Detention Tank (EGTK-004)									3			

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Baton Rouge Chemical Plant – Advanced Wastewater Treatment (AWT) Unit

Agency Interest No.: 286

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Baton Rouge, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																			
		2*	5▲	9	11	13	15	2103	2104	2107	2108	2109	2111	2113	2117	2122	2124	2147	2149	2151	2153
EQT 526 M-17	02/03 Separator																				
EQT 528 M-19	Cooling Tower																				
EQT 534 T-3252	Detention Tank (EKTK-001)																				1
EQT 535 T-3253	Detention Tank (EKTK-002)																			1	1
EQT 544 T-3256	Detention Tank (EGTK-26)																			3	
EQT 545 T-3328	Equalization Tank																				
EQT 644 TANK INS	Tank Inspection and/or Sludge Removal																				1
FUG 030 U-78	AWT Unit Fugitive Emissions																		1	1	1

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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Baton Rouge Chemical Plant – Advanced Wastewater Treatment (AWT) Unit

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Baton Rouge, East Baton Rouge Parish, Louisiana

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Baton Rouge Chemical Plant – Advanced Wastewater Treatment (AWT) Unit
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 ExxonMobil Chemical Co
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS												40 CFR 61												40 CFR 63 NESHAP												40 CFR											
		A	K	Ka	Rb	G	VV	QQQ	A	J	M	V _H	A	F	G	H	Q	T	U	C	f	XX	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG	FF	GGGG					
AI286	FACILITY WIDE	1							1	1	1																																						
GRP 137	AWT Unit								3																																								
ARE 009 M-83	Wastewater Treatment System (AWT)											1																																					
EQT 521 M-23	MBLA Reactors												1																																				
EQT 522 T-031	Sulfuric Acid Storage Tank													3	3	3																																	
EQT 523 T-059	Poly B Storage Tank													3	3	3																																	
EQT 524 T-3254	Detention Tank (EGTK-003)													3	3	3																																	
EQT 525 T-3255	Detention Tank (EGTK-004)													3	3	3																																	
EQT 526 M-17	02/03 Separator																																																
EQT 528 M-19	Cooling Tower																																																

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS			40 CFR 61			40 CFR 63 NESHAP			40 CFR															
		A	K	Ka	Kb	G	VV	QQQ	A	J	M	V _E	A	F	G	H	Q	T	U	C	ff	XX	GGGG	FFF	64	68
EQT 534 T-3252	Detention Tank (EKT-001)																									
EQT 535 T-3253	Detention Tank (EKT-002)	3	3	3																						
EQT 544 T-3256	Detention Tank (EGTK-26)	3	3	3																						
EQT 545 T-3328	Equalization Tank	3	3	3																						
EQT 644 TANK INS	Tank Inspection and/ or Sludge Removal	3	3	3																						
FUG 030 U-78	AWT Unit Fugitive Emissions								3				1		1											

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 3 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Baton Rouge Chemical Plant – Advanced Wastewater Treatment (AWT) Unit
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 ExxonMobil Chemical Co
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
AI 286 FACILITY WIDE	Subpart T-NESHAP for Halogenated Solvent Cleaning [40 CFR 63.460-63.470]	DOES NOT APPLY. Facility does not use individual batch vapor, in-line vapor, in-line cold, or batch cold solvent cleaning machines with solvents containing methylene chloride, perchlorethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform, or any combination of these halogenated solvents in a total concentration >5% (wt) as a cleaning or drying agent as defined in [40 CFR 63.460]
	Subpart JI-NESHAP for Wood Furniture Manufacturing Operations [40 CFR 63.800-63.809]	EXEMPT. Meets the definition of an incidental wood furniture manufacturer. [40 CFR 63.801]
	Subpart GGGG-NESHAP: Site Remediation [40 CFR 63.7880-63.7957]	EXEMPT. Any remediation activities from spills to soil that are completed within 30 consecutive calendar days. [40 CFR 63.7884(b)]
GRP137 AWT Unit	VOC Emissions from Petroleum Refinery Wastewater Systems – Subpart QQQ [40 CFR 60.691]	DOES NOT APPLY. Wastewater is not from a petroleum refinery process unit and does not meet the definition of a wastewater system.
	National Emission Standards for Organic Hazardous Air Pollutants From Petroleum Refineries - Subpart CC [40 CFR 63.640-63.679]	DOES NOT APPLY. The AWT Unit is not a petroleum refining process unit or related unit.

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Baton Rouge, East Baton Rouge Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
GRP137 AWT Unit CONTINUED	Subpart U-NESHAP for Group 1 Polymers and Resins [40 CFR 63.460-63.470]	DOES NOT APPLY. All wastewater streams discharged from Elastomer Product Process Unit (EPPU) are classified as Group 2 wastewater at the point of determination, which are upstream of the AWT Unit, therefore no controls are required.
	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry- Subparts F, G and H [40 CFR 63.101]	DOES NOT APPLY. AWT Unit does not meet the applicability criteria for a chemical manufacturing process unit (CMPU) as defined in 40 CFR 63.100(b).
	National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations – Subpart XX [40 CFR 63.1080-63.1097]	DOES NOT APPLY. All wastewater streams discharged from Ethylene Production Units (EPUs) that require controls are treated upstream of AWT Unit. There are no control requirements for these streams at AWT Unit.

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ID No:	Requirement	Notes
GRP137	Subpart FF-NESHAP for Benzene Waste Operations [40 CFR 61.340-61.359] AWT Unit CONTINUED	EXEMPT. Controls are not required because all benzene containing wastewater streams that are discharged to AWT Unit: 1) have a flow-weighted annual average benzene concentration of the waste stream that is < 10 ppmw in accordance with 40 CFR 61.342(c)(2); or 2) stream has >10 ppm benzene at point of waste generation but will be/are placed on the 2.0 Mg/yr exempt list in accordance with 40 CFR 61.342(c)(3)(ii); or 3) stream has > 10 ppm benzene at point of waste generation but is treated in a treatment process upstream of AWT Unit. Recordkeeping and reporting requirements apply. [40 CFR 61.342]

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ID No:	Requirement	Notes
GRP137 AWT Unit CONTINUED	Control of Emissions of Organic Compounds-Standards for Industrial Wastewater [LAC 33.III.2153]	EXEMPT. Controls are not required because all wastewater streams that are discharged to AWT Unit: 1) Do not meet the definition of affected VOCs wastewater at the point of determination, which are upstream of the AWT Unit; or 2) Any component of a wastewater storage, handling, transfer, or treatment facility that is subject to NESHAP Part 61 Subpart FF is exempt from this subpart. [LAC 33.III.2153.A and LAC 33.III.2153G.6]
EQT 522 T-031 Sulfuric Acid Storage Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel does not store VOLs

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ID No:	Requirement	Notes
EQT 522 T-031 Sulfuric Acid Storage Tank CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Sulfuric acid is not a VOC
EQT 523 T-059 Poly B Storage Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Applies to storage vessels with a capacity greater than or equal to 75 m ³ (19,813 gals) that are used to store VOL for which construction, reconstruction, or modification commenced after July 23, 1984. Tank has capacity of 11,400 gallons. [40 CFR 60.110b(a)]

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ID No:	Requirement	Notes
EQT 523 T-059 Poly B Storage Tank CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109]	DOES NOT APPLY. Storage vessel does not store or emit TAPs.
EQT 524 T-3254 Detention Tank (EGTK-003)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel has capacity > 151 cubic meters (40,000 gallons) and stores a liquid with a vapor pressure < 3.5 kPa (0.5 psia)

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ID No:	Requirement	Notes
EQT 524 T-3254 Detention Tank (EGTK-003) CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
EQT 525 T-3255 Detention Tank (EGTK-004)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel has capacity > 151 cubic meters (40,000 gallons) and stores a liquid with a vapor pressure < 3.5 kPa (0.5 psia)

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ID No:	Requirement	Notes
EQT 525 T-3255 Detention Tank (EGTK-004) CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
EQT 526 M-17 02/03 Separator	Control of Emission of Organic Compounds-Oil/Water Separation [LAC 33:III.2109]	EXEMPT. This oil/water separator is specifically exempt from the control requirements due to the reductions made upstream of this source and approved in the exemption from LDEQ dated August 21, 1992. [LAC 33:III.2109.B.5]
EQT 534 Detention Tank (EKTK-001)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.

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ID No:	Requirement	Notes
EQT 534 Detention Tank (EKT-001) CONTINUED	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel was constructed before July 23, 1984 and no construction, reconstruction, or modification after July 23, 1984
	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
EQT 535 Detention Tank (EKT-002)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel was constructed before July 23, 1984 and no construction, reconstruction, or modification after July 23, 1984

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ID No:	Requirement	Notes
EQT 535 Detention Tank (EKTRK-002) CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
EQT 544 T-3256 Detention Tank (EITK-26)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel was constructed before July 23, 1984 and no construction, reconstruction, or modification after July 23, 1984

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ID No:	Requirement	Notes
EQT 544 T-3256 Detention Tank (EITK-26) CONTINUED	Control of Emissions of Organic Compounds; Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
	Subpart FF-NESHAP for Benzene Waste Operations [40 CFR 61.340-61.359]	DOES NOT APPLY. Tank stores wastewater which does not contain benzene.
EQT 545 T-3328 Equalization Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel was constructed before July 23, 1984 and no construction, reconstruction, or modification after July 23, 1984

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ID No:	Requirement	Notes
EQT 545 T-3328 Equalization Tank CONTINUED	Control of Emissions of Organic Compounds: Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Tank stores liquids with true vapor pressures <1.5 psia at storage conditions. [LAC 33:III.2103.A]
EQT 528 M-19 Cooling Tower	Subpart Q-NESHAP for Industrial Process Cooling Towers (IPCT) [40 CFR 63.400-63.407]	DOES NOT APPLY. Cooling tower does not process industrial process water and is used to cool wastewater prior to biological treatment to optimize microbial activity. [40 CFR 63.400(a)]
FUG 028 U-78 AWT Unit Fugitive Emissions	NSPS Subpart VV – Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry [40 CFR 60.480]	DOES NOT APPLY. AWT Unit does not meet the definition of an affected facility since it is not a SOCMII source.

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The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

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2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

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attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

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5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

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- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated November 25, 1996 and updated information dated August 31, 2005.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 286 ExxonMobil Chemical Co - Baton Rouge Chemical Plant
 Activity Number: PER19960016
 Permit Number: 3006-V0
 Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	0840-00014	Exxon Chemical Americas	Air Permitting	08-05-2002
	0840-0014	ExxonMobil Chemical Co - Baton Rouge Chemical Plant	CDS Number	05-27-1993
	13-5409005	ExxonMobil Chemical Co - Baton Rouge Chemical Plant	Emission Inventory	03-03-2004
	LAD0009312818	EMCC A Division of ExxonMobil	Federal Tax ID	05-27-1993
	LA0005401	WPC File Number	Hazardous Waste Notification	01-11-2000
	LAR05N087	LPDES #	LPDES Permit #	05-22-2003
	LAR05N466	LPDES #	LPDES Permit #	10-12-2001
	LAR10C511	LPDES #	LPDES Permit #	01-01-2001
	WP1740	WPC State Permit Number	LWDPS Permit #	01-01-2004
	LA-2011-1.01	Radioactive Material License	Radiation License Number	06-25-2003
	2011	X-Ray Registration Number	Radiation X-ray Registration Number	05-30-2000
	GD-033-1788	SW ID#	Solid Waste Facility No.	11-21-1999
	0840A0153	Stage II Vapor Recovery	Stage II Vapor Recovery	04-30-2001
	1863669-0001-BA	ExxonMobil Chemical Co - Baton Rouge Chemical Plant	State Tax ID	08-19-2002
	34587	ExxonMobil Chemical Co	TEMPO Merge	10-11-2001
	38772	ExxonMobil Chemical Co	TEMPO Merge	08-15-2001
	41449	Exxon Chemical Americas	TEMPO Merge	08-15-2001
	0840-0014	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-21-2001
	70805XXNCH4999S	TRI #	Toxic Release Inventory	01-01-1991
	70821XXNCH4999S	TRI #	Toxic Release Inventory	07-29-2004
	17-004245	UST Facility ID #	Underground Storage Tanks	07-12-2004
	856	UST Case History Case Number	Underground Storage Tanks	10-11-2002
	7804	Waste Tires	Waste Tire Facility ID Number	11-21-1999
	WQC 980317-06	Water Quality Certification #	Water Certification	05-27-2005
				07-31-1998
			Main Phone:	2259777333
		Physical Location:		
		4999 Scenic Hwy Baton Rouge, LA 70805		
		Mailing Address:		
		PO Box 241 Baton Rouge, LA 708210241		
		Related People:		
		Name	Mailing Address	Relationship
		William Faulk	PO Box 551 Baton Rouge, LA 708210551	Waste Tires Contact for
		David Fellows	2259778430 (WP)	Responsible Official for
				TPOR0148
				Page 1 of 2

General Information

AI ID: 286 ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	David Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Haz. Waste Billing Party for
	David Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Water Billing Party for
	David Fellows	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Air Permit Contact For
	Charles A. Kaiser			Accident Prevention Contact for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259771424 (WF)	Radiation Safety Officer for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259771424 (WF)	Radiation Contact For
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259771424 (WF)	Radiation Registration Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Registration Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation License Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation License Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation License Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation License Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Registration Billing Party for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Contact For
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Contact For
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Safety Officer for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Safety Officer for
	David Mathurin	PO Box 241 Baton Rouge, LA 708210241	2259774950 (WP)	Radiation Safety Officer for
	Jethro Matthews	PO Box 551 Baton Rouge, LA 708210551	2253597278 (WP)	Accident Prevention Billing Party for
	Bob Ortieb	PO Box 241 Baton Rouge, LA 708210241	2259777241 (WP)	Solid Waste Billing Party for
	Paul E. Stokes	PO Box 551 Baton Rouge, LA 708210551	2259777241 (WP)	Underground Storage Tank Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Exxon Chemicals Americas	4999 Scenic Hwy Baton Rouge, LA 70807		Solid Waste Billing Party for
	ExxonMobil Chemical Co	PO Box 241 Baton Rouge, LA 708210241		Air Billing Party for
	ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		Stage II Vapor Recovery Billing Party for
	ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		Haz. Waste Billing Party for
	ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		Owes
	ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		Operates
	ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		UST Billing Party for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant
 Activity Number: PER19960016
 Permit Number: 3006-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE009	Wastewater Treatment System (AWT) - M-83					8760 hr/yr (All Year)
EQT521	MBLA Reactors - M-23					8760 hr/yr (All Year)
EQT522	Sulfuric Acid Storage Tank - T-031	10000 gallons	26.28 MM gallons/yr	10.51 MM gallons/yr	Sulfuric Acid	8760 hr/yr (All Year)
EQT523	Poly B Storage Tank - T-059	11400 gallons			Water Treating Polymer	8760 hr/yr (All Year)
EQT524	Detention Tank (EGTK-003) - T-3254	1.32 million gallons			Wastewater	8760 hr/yr (All Year)
EQT525	Detention Tank (EGTK-004) - T-3255	2.3 million gallons			Wastewater	8760 hr/yr (All Year)
EQT526	02/03 Separator - M-17					
EQT527	DAF Section - M-18					8760 hr/yr (All Year)
EQT528	Cooling Tower - M-19					8760 hr/yr (All Year)
EQT529	ACLA Sump - M-20					8760 hr/yr (All Year)
EQT530	TFLA Sump - M-21					8760 hr/yr (All Year)
EQT531	UNOX and Clarifier Section - M-24					8760 hr/yr (All Year)
EQT532	Inlet Bay Skimmer - M-26					8760 hr/yr (All Year)
EQT533	Sludge Settling Separator - M-27					8760 hr/yr (All Year)
EQT534	Tank ETK-001 - M-28					8760 hr/yr (All Year)
EQT535	Tank ETK-002 - M-28					8760 hr/yr (All Year)
EQT536	Tank ETK-003 - M-28					8760 hr/yr (All Year)
EQT537	Tank ETK-004 - M-28					8760 hr/yr (All Year)
EQT539	DAF Sludge Sump - M-31					8760 hr/yr (All Year)
EQT540	DAF Sludge Tank - M-32					8760 hr/yr (All Year)
EQT542	Klampress - M-34					8760 hr/yr (All Year)
EQT543	East and West Sludge Hoppers - M-35					8760 hr/yr (All Year)
EQT544	Detention Tank (ETTK-26) - T-3256					8760 hr/yr (All Year)
EQT545	Equalization Tank - T-3228					8760 hr/yr (All Year)
EQT644	TANK INS - Tank Inspection and/or sludge Removal					8760 hr/yr (All Year)
FUG030	AWT Unit Fugitive Emissions - U-78					8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP137	AWT UNIT	ARE9 Wastewater Treatment System (AWT) - M-83
GRP137	AWT UNIT	EQT521 MBLA Reactors - M-23
GRP137	AWT UNIT	EQT522 Sulfuric Acid Storage Tank - T-031
GRP137	AWT UNIT	EQT523 Poly B Storage Tank - T-059
GRP137	AWT UNIT	EQT524 Detention Tank (EGTK-003) - T-3254
GRP137	AWT UNIT	EQT525 Detention Tank (EGTK-004) - T-3255
GRP137	AWT UNIT	EQT526 02/03 Separator - M-17

INVENTORIES

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant
 Activity Number: PER19960016
 Permit Number: 3006-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP137	AWT UNIT	EQT527 DAF Section - M-18
GRP137	AWT UNIT	EQT528 Cooling Tower - M-19
GRP137	AWT UNIT	EQT529 ACLA Sump - M-20
GRP137	AWT UNIT	EQT530 TFLA Sump - M-21
GRP137	AWT UNIT	EQT531 UNOX and Clarifier Section - M-24
GRP137	AWT UNIT	EQT532 Inlet Bay Skimmer - M-26
GRP137	AWT UNIT	EQT533 Sludge Settling Separator - M-27
GRP137	AWT UNIT	EQT534 Tank EKTK-001 - M-28
GRP137	AWT UNIT	EQT535 Tank EKTK-002 - M-28
GRP137	AWT UNIT	EQT536 Tank EKTK-003 - M-28
GRP137	AWT UNIT	EQT537 Tank EKTK-004 - M-28
GRP137	AWT UNIT	EQT539 DAF Sludge Sump - M-31
GRP137	AWT UNIT	EQT540 DAF Sludge Tank - M-32
GRP137	AWT UNIT	EQT542 Klampress - M-34
GRP137	AWT UNIT	EQT543 East and West Sludge Hoppers - M-35
GRP137	AWT UNIT	EQT544 Detention Tank (ETTK-26) - T-3256
GRP137	AWT UNIT	EQT545 Equalization Tank - T-3228
GRP137	AWT UNIT	FUG30 AWT Unit Fugitive Emissions - U-78
GRP138	AWT Components (M-83)	EQT521 MBLA Reactors - M-23
GRP138	AWT Components (M-83)	EQT526 02/03 Separator - M-17
GRP138	AWT Components (M-83)	EQT527 DAF Section - M-18
GRP138	AWT Components (M-83)	EQT528 Cooling Tower - M-19
GRP138	AWT Components (M-83)	EQT529 ACLA Sump - M-20
GRP138	AWT Components (M-83)	EQT530 TFLA Sump - M-21
GRP138	AWT Components (M-83)	EQT531 UNOX and Clarifier Section - M-24
GRP138	AWT Components (M-83)	EQT532 Inlet Bay Skimmer - M-26
GRP138	AWT Components (M-83)	EQT533 Sludge Settling Separator - M-27
GRP138	AWT Components (M-83)	EQT534 Tank EKTK-001 - M-28
GRP138	AWT Components (M-83)	EQT535 Tank EKTK-002 - M-28
GRP138	AWT Components (M-83)	EQT539 DAF Sludge Sump - M-31
GRP138	AWT Components (M-83)	EQT540 DAF Sludge Tank - M-32
GRP138	AWT Components (M-83)	EQT542 Klampress - M-34
GRP138	AWT Components (M-83)	EQT543 East and West Sludge Hoppers - M-35
GRP138	AWT Components (M-83)	EQT544 Detention Tank (ETTK-26) - T-3256
GRP138	AWT Components (M-83)	EQT545 Equalization Tank - T-3228

INVENTORIES

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT521 MBLA Reactors - M-23	.09	5200	20.1		10	
EQT522 Sulfuric Acid Storage Tank - T-031			12		12	
EQT523 Poly B Storage Tank - T-059			9		24	
EQT524 Detention Tank (EGTK-003) - T-3254			65		53	
EQT525 Detention Tank (EGTK-004) - T-3255			53		86	

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP137	1		0695 - Chemical and Chemical Prep. N.E.C. with output less than 1,000,000 Lb/Yr

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

All phases

VOC			
Subject Item	Avg lb/hr	Tons/Year	
ARE 009 M-83	58.80	257.46	
EQT 521 M-23	7.20	31.33	
EQT 523 T-659	0.002	0.01	
EQT 524 T-3254	0.03	0.15	
EQT 525 T-3255	0.05	0.23	
EQT 644 TANK INS	0.07	0.13	
FUG 030 U-78	0.09	0.40	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

VOC: 258.38 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-W0

Air - Title V Regular Permit Initial

All phases

Subject Item	1,1,1-Trichloroet hane	1,3-Butadiene	2,2,4-Trimethylpe ntane	Acetonitrile	Ammonia	Benzene	Biphenyl	Cresol
Subject Item	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year
ARE 009 M-83	0.19	0.63	0.45	1.96	0.20	0.87	1.80	7.69
EQT 521 M-23	0.02	0.10	0.05	0.24	0.03	0.11	0.21	0.94
EQT 522 T-031								
EQT 524 T-3254	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01
EQT 525 T-3255	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01
EQT 644 TANK INS								
FUG 030 U-78							0.002	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER1996016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

All phases

		Cresol	Cumene	Dimethyl formamide e	Ethyl benzene	Formaldehyde	Hydrogen sulfide	Methanol	Methyl Tertiary B utyl Ether						
Subject Item	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year	Avg lbs/hr	Tons/Year
ARE 009	0.55	0.15	0.64	0.07	0.30	0.33	1.46	0.89	3.88	9.40	41.30	34.60	151.52	2.10	9.41
M-63															
EQT 521	0.07	0.02	0.08	0.01	0.04	0.04	0.18	0.11	0.47	2.10	9.06	4.20	18.44	0.26	1.15
M-23															
EQT 522															
T-031															
EQT 524	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.04	0.17	0.002	0.01
T-3254															
EQT 525	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.002	0.01	0.05	0.23	0.002	0.01
T-3255															
EQT 644															
TANK INS															
FUG 030															
U-78															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

All phases

		Sulfuric acid					
		Styrene			Phenol		
Subject Item	Avg lb/hr	Methyl chloride	Methyl ethyl keto ne	Methyl isobutyl ketone	Naphthalene	Nitric acid	Sulfuric acid
		Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr
ARE 009 M-83	2.00	8.84	5.30	23.20	0.08	0.35	5.40
EQT 521 M-23	0.25	1.08	0.64	2.82	0.01	0.04	0.66
EQT 522 T-031							0.002
EQT 524 T-3254	0.002	0.01	0.002	0.01	0.002	0.01	0.005
EQT 525 T-3255	0.002	0.01	0.002	0.01	0.002	0.01	0.005
EQT 644 TANK INS						0.002	0.01
FUG 030 U-78					0.02	0.07	
							0.003
							0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-W0

Air - Title V Regular Permit Initial

All phases

Subject Item	Sulfuric acid/Toluene		Xylene (mixed isomers)		n-Hexane	
	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr	Tons/Year	Avg lb/hr
ARE 009 M-83	4.00	17.67	1.80	7.85	4.70	20.75
EQT 521 M-23	0.49	2.15	0.22	0.96	0.58	2.53
EQT 522 T-031	0.01					
EQT 524 T-3254	0.002	0.01	0.002	0.01	0.002	0.01
EQT 525 T-3255	0.002	0.01	0.002	0.01	0.002	0.01
EQT 644 TANK INS	0.35					
FUG 030 U-78	0.03	0.12	0.002	0.01		

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

1,1,1-Trichloroethane: 0.85 tons/yr
 1,3-Butadiene: 1.98 tons/yr
 2,2,4-Trimethylpentane: 0.89 tons/yr
 Acetonitrile: 7.71 tons/yr
 Ammonia: 19.63 tons/yr
 Benzene: 2.02 tons/yr
 Biphenyl: 3.31 tons/yr
 Cresol: 0.57 tons/yr
 Cumene: 0.66 tons/yr
 Dimethyl formamide: 0.32 tons/yr
 Ethyl benzene: 1.49 tons/yr
 Formaldehyde: 3.90 tons/yr
 Hydrogen sulfide: 41.32 tons/yr
 Methanol: 151.92 tons/yr
 Methyl chloride: 8.86 tons/yr
 Methyl ethyl ketone: 23.22 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

Air ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit [Initial]

All phases

Methyl isobutyl ketone: 0.37 tons/yr
Methyl Tertiary Butyl Ether: 9.43 tons/yr
n-Hexane: 20.77 tons/yr
Naphthalene: 23.84 tons/yr
Nitric acid: 0.01 tons/yr
Phenol: 0.78 tons/yr
Styrene: 6.99 tons/yr
Sulfuric acid: 0.36 tons/yr
Toluene: 17.81 tons/yr
Xylene (mixed isomers): 7.88 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

A1286

- 1 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 2 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]
- 3 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
- 4 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A.]
- 5 All affected facilities shall comply with applicable provisions of LAC 33:III.2151. [LAC 33:III.2151.]
- 6 Failure to pay the prescribed application fee or annual fees as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
- 7 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]
- 8 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]
- 9 Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. [LAC 33:III.501.C.6]
- 10 Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. [LAC 33:III.501.C.6]
- 11 Containers: Exempt from monitoring. Containers that have capacities <0.42 cubic meters (111 gallons) and meet DOT specifications and testing requirements under 49 CFR 178 and that hold benzene-containing wastes with a flow weighted annual average benzene concentration ≥ 10 ppmw are exempt from Method 21 monitoring requirements. [LAC 33:III.501.C.6]
- 12 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEC in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 13 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 14 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]
- 15 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A. [LAC 33:III.5105.A.4]
- 16 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

AI286

- 17 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 18 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.1.3923. [LAC 33:III.5107.B.2]
- 19 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.1.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.1.3923. [LAC 33:III.5107.B.3]
- 20 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.i through viii. [LAC 33:III.5107.B.4]
- 21 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 22 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
- 23 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
- 24 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]
- 25 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 26 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]
- 27 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 28 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 29 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 30 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 31 Submit notification in writing: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-Y0

Air - Title V Regular Permit Initial

AI286

- 32 Submit notification in writing: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source. [LAC 33:III.5113.A.2]
- 33 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 34 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 35 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 36 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 37 Provide emission testing facilities as specified in LAC 33:III.5113.B.4. a through e. [LAC 33:III.5113.B.4]
- 38 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 39 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 40 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 41 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 42 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 43 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 44 Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 45 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 46 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 47 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 48 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.d]
- 49 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 50 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

A1286

- 51 Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 52 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 53 Activate the preplanned abatement strategy listed in LAC 33:III.5611 Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]
- 54 Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
- 55 Activate the preplanned abatement strategy listed in LAC 33:III.5611 Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
- 56 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7. [LAC 33:III.5609.A]
- 57 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. [LAC 33:III.5901.A]
- 58 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5913, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]
- 59 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]
- 60 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.D. [LAC 33:III.919.D]
- 61 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 62 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]
- 63 Comply with the requirements of 40 CFR 61.342(c) through (h) no later than 90 days following the effective date, unless a waiver of compliance has been obtained under 40 CFR 61.11, or by the initial startup for a new source with an initial startup after the effective date. 40 CFR 61Subpart FF. [40 CFR 61.342(b)]
- 64 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. [40 CFR 61]
- 65 HAP recordkeeping by electronic or hard copy at the regulation's specified frequency. Prepare and maintain, at the facility, written documentation describing the exempted site remediation, listing the initiation and completion dates for the remediation as required in 40 CFR 63 Subpart GGGG. [40 CFR 63.7884]
- 66 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 12 of 40 CFR 63 Subpart FFFF (MON), as promulgated. [40 CFR 63]
- 67 HAP: All affected facilities shall comply with applicable provisions of NESHAP for Miscellaneous Organic Chemical Manufacturing, (MON), 40 CFR 63 Subpart FFFF, as promulgated. [40 CFR 63]
- 68 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A. [40 CFR 63]
- 69 All affected facilities shall comply with all applicable provisions of Compliance Assurance Monitoring (CAM). [40 CFR 64]
- 70 All affected facilities shall comply with all applicable provisions in 40 CFR 68. [40 CFR 68]
- 71 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

AI286

- 72 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 73 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 74 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 75 Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. [40 CFR 82. Subpart F]

ARE009

Wastewater Treatment System (AWT) - M-83

- 76 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT. [LAC 33:II.5109.A]

- 77 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list. □

- 78 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]

- 79 Submit report: Due annually, beginning on the date that equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3) or, if the information in 40 CFR 61.357(a)(1) through (3) is not changed in the following year, a statement to that effect. Subpart FF. [40 CFR 61.357(d)(2)]

- 80 Submit report: Owner or operator complying with 40 CFR 61.342(c)(3)(ii) shall include in the report required by 40 CFR 61.357(d)(2) a table identifying each waste stream chosen for exemption and the total annual benzene quantity in these exempted streams. [40 CFR 61.357(d)(3)]
- 81 Benzene recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records to verify exemption from 40 CFR 63 Subpart FF. The records shall be maintained on site for a period of at least five years. [40 CFR 61. Subpart FF]

EQT521

MBLA Reactors - M-23

- 82 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT (Using HON as presumptive MACT). [LAC 33:II.5109.A]

- 83 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list. □
- [40 CFR 61.342(c)(3)(ii); 40 CFR 61.342(c)(2)]

SPECIFIC REQUIREMENTS

AIR ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

EQT521 MBLA Reactors - M-23

84 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]

85 Submit report: Owner or operator complying with 40 CFR 61.342(c)(3)(ii) shall include in the report required by 40 CFR 61.357(d)(2) a table identifying each waste stream chosen for exemption and the total annual benzene quantity in these exempted streams. [40 CFR 61.357(d)(3)]

EQT522 Sulfuric Acid Storage Tank - T-031

86 Toxic air pollutants (TAP): Emits Class III TAP only. MACT is not required. [LAC 33.III.5109.A]

EQT524 Detention Tank (EGTK-003) - T-3254

87 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT (Using HON as presumptive MACT). [LAC 33.III.5109.A]

88 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing ≥ 10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square . [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT525 Detention Tank (EGTK-004) - T-3255

89 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT (Using HON as presumptive MACT). [LAC 33.III.5109.A]

90 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing ≥ 10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square . [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT526 02/03 Separator - M-17

91 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records to verify exemption from LAC 33.III.2109. The records shall be maintained for at least two years as specified. [LAC 33.III.2109.D]

92 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing ≥ 10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square . [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT534 Tank ETKT-001 - M-28

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

EQT534 Tank EKTK-001 - M-28

93 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT (Using HON as presumptive MACT). [LAC 33:III.5109.A]

94 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT535 Tank EKTK-002 - M-28

95 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT (Using HON as presumptive MACT). [LAC 33:III.5109.A]

96 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT544 Detention Tank (EITK-26) - T-3256

97 Toxic air pollutants (TAP): Emits Class III TAPs only. MACT is not required. [LAC 33:III.5109.A]

EQT545 Equalization Tank - T-3328

98 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list \square [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]

EQT644 TANK 1NS - Tank Inspection and/or sludge Removal

99 Toxic air pollutants (TAP): Emits Class I TAP less than MER (facility-wide) and Class III TAP. No additional control required. [LAC 33:III.5109.A]

FUG030 AWT Unit Fugitive Emissions - U-78

100 Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment. [LAC 33:III.2111]

101 VOC, Total: Comply with LAC 33:III.2122 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT Determination for Non-HON Sources, ExxonMobil Annotated Version dated January 7, 1998. [LAC 33:III.2122]

102 Comply with the recordkeeping and reporting requirements of the overall most stringent program (LA Non-HON MACT). [LAC 33:III.2122, 40 CFR 61 Subpart V, 40 CFR 61 Subpart J, LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 30006-V0

Air - Title V Regular Permit Initial

FUG030 AWT Unit Fugitive Emissions - U-78

- 103 VOC, Total: Use leak definitions and monitoring frequency based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall be defined as once every four quarters. Some allowance may be made in the first year of the streamlined program in order to allow for transition from existing monitoring schedules. [LAC 33:III.2122, 40 CFR 61 Subpart J, 40 CFR 61.501.C.6]
- 104 VOC, Total: Apply the streamlined program to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program (LA Non-HON MACT) shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size of component available in any of the programs being streamlined. [LAC 33:III.2122, 40 CFR 61 Subpart J, 40 CFR 61.501.C.6]
- 105 VOC, Total monitored by leak detection and repair (LDAR) system at the regulation's specified frequency. Comply with the streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the applicable fugitives in the following table.
- Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one or more of the applicable fugitive emission programs:

Unit or Plant Site	Program Being Streamlined	Stream Applicability	Overall Most Stringent Program
AWT Unit-FUG 030	LA Non-HON MACT	5% VOTAP	LA Non-HON MACT <input type="checkbox"/>
	LAC 33:III.2122	10% VOC <input type="checkbox"/>	
	40 CFR 61 Subpart V	10% VHAP <input type="checkbox"/>	

[LAC 33:III.501.C.6, 40 CFR 61 Subpart J, 40 CFR 61.5109.A]
Which Months: All Year Statistical Basis: Approved basis

- 106 The number of each type of component required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the Department by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided:
- a. Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increases except from the fugitive emissions components themselves;
- b. The changes do not involve any associated increase in production rate or capacity, or tie in of new or modified process equipment other than the piping components;
- c. Actual emissions following the changes will not exceed the emission limits contained in this permit; and
- d. The components are promptly incorporated into any applicable leak detection and repair program.
[LAC 33:III.501.C.6]

- 107 Toxic air pollutants (TAP): Comply with LAC 33:III.Chapter 51 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT Determination for Non-HON Sources, ExxonMobil Annotated Version dated January 7, 1998. [LAC 33:III.5109.A]

- 108 Benzene: Comply with 40 CFR 61 Subpart J by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT Determination for Non-HON Sources, ExxonMobil Annotated Version dated January 7, 1998. [40 CFR 61.Subpart J]

- 109 VHAP: Comply with 40 CFR 61 Subpart V by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT Determination for Non-HON Sources, ExxonMobil Annotated Version dated January 7, 1998. [40 CFR 61.Subpart V]

SPECIFIC REQUIREMENTS

All ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-V0

Air - Title V Regular Permit Initial

GRP137 AWT UNIT

110 VOC, Total recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records to verify exemption from control requirements of LAC 33.III.2153. The records shall be maintained for at least five years as specified. [LAC 33.III.2153]

111 Xylene (mixed isomers) <= 7.88 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

112 VOC, Total <= 258.38 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

113 Toluene <= 17.81 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

114 Styrene <= 6.99 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

115 Phenol <= 0.78 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

116 n-Hexane <= 20.77 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

117 Naphthalene <= 23.84 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

118 Methyl Tertiary Butyl Ether <= 9.43 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

119 Methyl isobutyl ketone <= 0.37 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

120 Methyl ethyl ketone <= 23.22 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

121 Methyl chloride <= 8.86 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

122 Methanol <= 151.92 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

123 Hydrogen sulfide <= 41.32 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

124 Formaldehyde <= 3.90 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

125 Ethyl benzene <= 1.49 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

126 Dimethyl formamide <= 0.32 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

127 Cumene <= 0.66 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

128 Cresol <= 0.57 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

129 Biphenyl <= 3.31 tons/yr. [LAC 33.III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 286 - ExxonMobil Chemical Co - Baton Rouge Chemical Plant

Activity Number: PER19960016

Permit Number: 3006-y0

Air - Title V Regular Permit Initial

GRP137 AWT UNIT

- 130 Benzene <= 2.02 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
131 Ammonia <= 19.63 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
132 Acetonitrile <= 7.71 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
133 2,2,4-Trimethylpentane <= 0.89 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
134 1,3-Butadiene <= 1.98 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
135 1,1,1-Trichloroethane <= 0.85 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
136 Toxic air pollutants (TAP): Speciation of VOCs appear greater than Total VOC, however, in reality, the speciation represents the variability of the concentration of the wastewater based on the worse case scenario for instantaneous emissions of all pollutants that have been observed occurring in the system over a five year period, due primarily to increased throughput to the AWT from weather related upsets and system spikes. The overall speciated emissions have not exceeded the Total VOC reported during any annual reporting period. [LAC 33:III.501.C.6]
137 Nitric acid <= 0.01 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
138 Sulfuric acid <= 0.36 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
139 Toxic air pollutants (TAP): Permittee shall verify and ensure that all wastewater streams discharged from HON chemical manufacturing process units (CPMU) upstream of the Advanced Wastewater Treatment (AWT) unit are handled according to HON requirements as Group 2 wastewater streams at the originating unit. No additional control requirements are required at AWT. [LAC 33:III.5109.A.]
140 Benzene: Permittee shall verify exemption from control requirements of benzene-containing wastewater streams by either 1) annually demonstrating at the point of waste generation that the wastewater contains <10 ppmw benzene on a flow-weighted annual average basis and is exempt from control requirements of 40 CFR 61 Subpart FF, or b) including streams sent to this source and containing >=10 ppmw benzene on a flow-weighted annual average basis in the site-wide 2.0 Mg/yr exemption list. □
. [40 CFR 61.342(c)(3)ii, 40 CFR 61.342(c)(2)]
141 HAP recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain purchase or usage records demonstrating source meets the definition of an incidental wood furniture manufacturer as defined in 40 CFR 63.801. [40 CFR 63. Subpart JJ]
142 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 12 of 40 CFR 63 Subpart FFFF (MON), as promulgated. [40 CFR 63]
143 HAP: All affected facilities shall comply with applicable provisions of NESHAP for Miscellaneous Organic Chemical Manufacturing, (MON), 40 CFR 63 Subpart FFFF, as promulgated. [40 CFR 63]
144 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]